



Additional Mission Items

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Topics

- Data loss requirement interpretation status
- Orbit inclination
- Upcoming Ops TIM (FYI)
- (TDRSS visibility)
- Stellar aberration correction - Julie

None of these are major issues. Just keeping SWG informed.



Data Loss Requirement

- **SRD Data Loss Requirement: <2% (goal: <1%)**
 - "Fraction of data taken by the instruments but not delivered to the IOC. Not including SAA data loss. Not including Instrument deadtime."
- **Issue being worked: when, during lights out, does MOC command a data retransmit on the weekend?**
 - SSR holds >1 day of data, so from Sunday PM to Friday PM this is not an issue.
 - From Friday PM to Sunday AM, FOT must be paged to come into the MOC for the retransmit.
 - Not a trivial accounting for MOC to do, due to data structure. [2% loss of packets does not equal 2% loss of events]. Plan: working out an accounting at the MOC that bounds the loss.
 - Related: requirement isn't explicit about timescope (2% over mission life, per year, per week, per day, per dump?). Flowing down to the per-dump requirement (retransmit).



Launch Vehicle

- Early Mission Integrated Working Group (MIWG) meeting at Kennedy Space Center last month.
- Mission is working through details for using excess lift capacity to reduce orbit inclination (~few degrees).
 - Reduces backgrounds and time in SAA somewhat
 - Reduces false trigger rate in GBM due to "electron precipitation" events



Mars Rover "Opportunity"
on the launch pad
Delta II - Heavy



Ground System

- Large and growing coordinated activity across all the elements
 - Mission Operations Center (MOC)
 - facility taking shape at GSFC
 - LAT Instrument Science Operations Center (ISOC)
 - GBM
 - GSSC
 - Spacecraft
- Regular "GOWG" (GLAST Mission Operations Working Group) meetings
- Ground Readiness Tests in full swing

Ops TIM at
SLAC 14-15 Sept

(TIM=Technical Interchange Meeting)



Ops TIM Draft Agenda

